PERSONAL INFORMATION

Name	**Christina Papadaki**
Position	Research Specialist (ELE) - Ecohydraulic & Ecohydrological Modelling
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Web sites	https://imbriw.hcmr.gr/christina-papadaki/ https://flowtech.hcmr.gr/

Education

BSc in Water Resources Management from the Agricultural University of Athens (2001 – 2008)

MSc in Environment and Development of Mountain Regions at the National Technical University of Athens (2008 – 2010)

Ph.D. in the Natural Environment Management, Department of Forestry and Natural Environment Management, Agricultural University of Athens (2013 – 2019)

Research Interests

Ecohydraulics, EcoHydrology, Macroplastics pollution, Mountain water resources

Research projects (2021-2026)

- European Project funded by EU, Title: LandSeaLot – Harnessing the potential of coastal regions to build climate resilience via enhanced observation of the land-sea interface, 2024 – 2028, https://landsealot.eu/
  Role: Postdoctoral fellow
- European Project funded by EU, Title: Path4Med – Demonstrating Innovative Pathways Addressing Water Pollution in the Mediterranean Agro Hydro System, 2024 – 2028, https://www.path4med.eu/
  Role: Participant
- European Project funded by Interreg IPA ADRION, Title: TETHYS4ADRION – Enhancing Cross-Border Cooperation for Riverine Plastic Litter Reduction in the Adriatic and Ionian Seas, 2024 – 2027, https://tethys4adrion.interreg-ipa-adrion.eu/,
  Role: Participant
- European Project funded by the EEA Grants, Title: Water Matters – Increasing knowledge on the Importance of the Good Status of Water Bodies, 2023 – 2024, https://water-matters.hcmr.gr/en/homepage/
  Role: Participant
- National Project funded by the Hellenic Foundation for Research and Innovation, Title: FlowTech – Estimation of Environmental Flows using Unmanned Aerial Vehicles and Acoustic Equipment based on fish habitat requirements, 2021-2024, https://flowtech.hcmr.gr/
  Role: Principal Investigator

Indicative publications in International, peer-reviewed journals until Dec-2021

1. **Papadaki, Ch.**, Makropoulos, D. N., Lagogiannis, S., Kavvadias, A., Zogaris, S., & Dimitriou, E. (2025). Unlocking flow–habitat relationships in mountain rivers of Epirus, Greece using object detection and hydrodynamic simulation. Science of The Total Environment, 1003, 180703. https://doi.org/10.1016/j.scitotenv.2025.180703
2. **Papadaki, Ch.**, Mitropoulos, P., Panagopoulos, Y., & Dimitriou, E. (2024). Addressing large scale patterns of no-flow events in rivers: An in-depth analysis with Achelous software. Journal of Hydrology, 132160. https://doi.org/10.1016/j.jhydrol.2024.132160
3. He, K., Yang, Q., Shen, X., Dimitriou, E., Mentzafou, A., **Papadaki, Ch.**, Stoumboudi, M., & Anagnostou, E. N. (2024). Brief communication: Storm Daniel flood impact in Greece in 2023: Mapping crop and livestock exposure from synthetic-aperture radar (SAR). Natural Hazards and Earth System Sciences, 24, 2375–2382. https://doi.org/10.5194/nhess-24-2375-2024
4. **Papadaki, Ch.**, Lagogiannis, S., & Dimitriou, E. (2023). Preliminary analysis of the water quality status in an urban Mediterranean river. Applied Sciences, 13, 6698. https://www.mdpi.com/2076-3417/13/11/6698
5. Varlas, G., **Papadaki, Ch.**, Stefanidis, K., Mentzafou, A., Pechlivanidis, I., Papadopoulos, A., & Dimitriou, E. (2023). Increasing trends in discharge maxima of a Mediterranean river during early autumn. Water, 15, 1022. https://doi.org/10.3390/w15061022
6. **Papadaki, Ch.**, Theodoropoulos, C., Soulis, K. X., Generali, K. A., Psomiadis, E., & Dimitriou, E. (2022). Effects of forest fires on headwater streamflow and the habitat suitability for benthic macroinvertebrates. Hydrological Sciences Journal, 67(9), 1356–1371. https://doi.org/10.1080/02626667.2022.2081508
7. Soulis, K. X., Generali, K. A., **Papadaki, Ch.**, Theodoropoulos, C., & Psomiadis, E. (2021). Hydrological response of natural Mediterranean watersheds to forest fires. Hydrology, 8, 15. https://doi.org/10.3390/hydrology8010015
8. **Papadaki, Ch.**, & Dimitriou, E. (2021). River flow alterations caused by intense anthropogenic uses and future climate variability implications in the Balkans. Hydrology, 8, 7. https://doi.org/10.3390/hydrology8010007

Reviewer – Editor

• Reviewer in 15 International, peer-reviewed Journals (70 reviews until March-2026)
https://publons.com/researcher/1257561/christina-papadaki/

• Associate Editor, Hydrological Sciences Journal (2020–present)
https://www.tandfonline.com/action/journalInformation?show=editorialBoard&journalCode=thsj20

Awards/Distinctions – Memberships/professional activities – Scholarships

Postdoctoral Fellowship, Hellenic State Scholarships Foundation (IKY), 2019 – Hydrological regime modification to better balance trade-offs between human and environmental needs (ESF co-funded; MIS-5033021).